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## BUREAU OF INDIAN STANDARDS

### MINUTES

#### ELEVENTH MEETING OF ENVIRONMENTAL TESTING PROCEDURES SECTIONAL COMMITTEE, LITD 01

**DATE:** 08.06.2022

**DAY:** Wednesday

**TIME:** 11 AM

**Venue:** Webex Meeting

#### Present:

1. **In the Chair:** Sh.U.K Nandwani, In personal capacity 2. **Member Secretary:** Ms. Alismita Khag

| Sl. No. | Representative        | Organisation          |
|---------|-----------------------|-----------------------|
| 3.      | Shri P. P Chaurasia   | CQA(L), DGQA          |
| 4.      | Smt. G Girija         | CPRI, Bangalore       |
| 5.      | Shri B Ramesh Babu    | ECIL                  |
| 6.      | Shri Susanta Som      | MSME, Kolkata         |
| 7.      | Shri B Jobin          | ETDC, Bangalore       |
| 8.      | Shri Biswajit Deb     | ERTL, Kolkata         |
| 9.      | Shri Mandar Sinnarkar | M/s Vishay Components |
| 10.     | Shri P Sreenivas      | ETDC, Bangalore       |
| 11.     | Shri Sanmuga Sundaram | URSC, ISRO, Bangalore |

#### ITEM 0 WELCOME AND INTRODUCTORY REMARKS

##### 0.1 Welcome

At the outset, the Member Secretary welcomed the members and thanked them for attending the eleventh meeting of Environmental Testing Procedures Sectional Committee, LITD 01.

##### 0.2 Opening remarks of chairman

Shri. U.K Nandwani, Chairman, LITD 01 welcomed the members to the eleventh meeting of the Committee. In his opening remarks, he briefly introduced himself and requested all the members to actively participate. He requested all the members to continue their support in the Standards formulation work of the Committee.

After having formal introduction from the members present, he requested member secretary to take up with the agenda items.

#### ITEM 1 FORMAL CONFIRMATION OF THE MINUTES OF THE LAST MEETING

- 1.1 As no comments had been received, the minutes of the last meeting, which was held on 15.03.2022 were confirmed by the Committee.

## ITEM 2 SCOPE & COMPOSITION OF SECTIONAL COMMITTEE

2.1 The committee reviewed the composition enclosed at *Annex-1* of the agenda and following had been decided.

| Sl.no | Organization                                       | Representatives  | Decision Taken   |
|-------|--|--|--|
| 1.    | Bhabha Atomic Research Centre (BARC)               | Shri B.S.V.G. Sharma<br>(Principal)<br><br>Shri P.K.<br>Ramteke(Alternate)       | It was decided by the committee to withdraw this organization due to lack of participation.  |
| 2.    | Bharat Sanchar Nigam Ltd. (BSNL)                   | Shri C Kishore Prakash<br>(Principal)<br><br>Shri N K Mamatha<br>(Alternate)     | It was decided by the committee to withdraw this organization due to lack of participation.  |
| 3.    | Indian Telephone Industries Ltd. (ITI)             | Shri M S Govindaraj<br>(Principal)<br><br>Shri Udayakumar AP<br>(Alternate)      | It was decided by the committee to withdraw this organization due to lack of participation.  |
| 4.    | Electronics Component Standardization Organisation | Shri A. Balaji<br>(Principal)<br><br>Kum T. Dhaya<br>(Alternate)                 | The committee decided to write letter to the organization seeking fresh nominations. It was also decided that Shri PP Chaurasia would help BIS Secretariat in seeking nominations from this organization                   |
| 5.    | Electronics and Radar Development Establishment    | Shri Mitra Kumar Patel<br>(Principal)<br><br>Shri Prakash Babu VR<br>(Alternate) | The committee decided to write letter to the organization seeking fresh nominations. It was also decided that Shri PP Chaurasia would help BIS Secretariat in seeking nominations from this organization                   |
| 6.    | Railway Design and Standards Organization          | —  | The committee decided to write letter to the organization seeking fresh nominations. It was also decided that Shri B Jobin and Shri PP Chaurasia would help BIS Secretariat in seeking nominations from this organization. |

2.2 The committee identified the following organizations for co-option, subject to acceptance of the request:

- a. Wipro Testing Laboratories (Tarang), Bangalore – Shri PP Chaurasia, CQAL to help BIS Secretariat in seeking nomination
- b. Hindustan Aeronautics Limited – Shri PP Chaurasia to help BIS Secretariat in seeking nomination

**ITEM 3 REVIEW OF PUBLISHED INDIAN STANDARDS**

| <b>Sl. No.</b> | <b>IS no. &amp; Title</b>  | <b>Corresponding IEC No. or JSS Standard</b> | <b>Degree of Equivalence</b> | <b>Present Status/Title of IEC/ JSS Standard</b>  | <b>Recommendation</b>   | <b>Decision</b>  |
|----------------|--|--|------------------------------|---|---|--|
| 1.             | IS 9000 (Part 12):1981<br><br>Basic environmental testing procedures for electronic and electrical items: Part 12 dust test          | JSS 55555                                    | Based On                     | JSS 55555:2012 is the latest version. JSS 55555 is suitable only for military purposes. IEC 60068-2-68 exists on the same subject (dust test) which can be applicable for all types of applications. Moreover, the requirements of sieves are more stringent in the IEC Standard and it also prescribes the test for sand along with dust. For the purpose of testing of Ingress Protection, IEC 60529 is being followed for all electrical and electronics products. IEC 60529 refers to IEC 60068-2-68 for the test of dust and | As per the decision taken during last LITD 01 meeting, BIS Secretariat had written to BEL and RDSO. However, no reply had been received. It is recommended to adopt the latest version of IEC 60068-2-68:1994.<br><br><i>Committee may note and decide.</i> | To adopt IEC 60068-2-68:1994 as an Indian Standard, under single numbering. Correspondingly withdraw IS 9000 (Part 12):1981 and IS 9002 (Part 8):1977. |
| 2.             | IS 9002 (Part 8):1977<br>Specification for equipment for environmental tests for electronic and electrical items Part 8 Dust Chamber | Indigenous                                   | Indigenous                   |   |   |  |

|    |                              |                     |           |   |   |  |
|----|------------------------------|---------------------|-----------|---|---|--|
|    |                              |                     |           | sand. Hence, this Standard is already being used incase a laboratory is performing IP testing. Hence, IS 9000 (Part 12):1981 may be superseded by the adoption of IEC 60068-2-68. |   |  |
| 3. | IS 11000 (Part 2/Sec 1):2018 | IEC 60695-2-10:2013 | Identical | IEC 60695-2-10:2021   | May be revised in line with the latest version of IEC Standard. | To adopt IEC 60695-2-10:2021 under single numbering. |
| 4. | IS/IEC 60695-2-11:2014       | IEC 60695-2-11:2014 | Identical | IEC 60695-2-11:2021   | May be revised in line with the latest version of IEC Standard. | To adopt IEC 60695-2-11:2021 under single numbering. |
| 5. | IS/IEC 60695-2-12:2014       | IEC 60695-2-12:2014 | Identical | IEC 60695-2-12:2021   | May be revised in line with the latest version of IEC Standard. | To adopt IEC 60695-2-12:2021 under single numbering. |

#### **ITEM 4 INTERNATIONAL WORK**

**4.1** The Committee noted the information given at Item 4 of the Agenda.

**4.2** The Committee also noted the information provided by Shri P P Chaurasia regarding the plenary meeting of IEC TC 104 which was held from 28.03.2022 to 01.04.2022 virtually.

#### **ITEM 5 DATE AND PLACE FOR THE NEXT MEETING**

**5.1** It was decided to conduct the next meeting of LITD 01 in consultation with the chairman.

#### **ITEM 6 ANY OTHER BUSINESS**

**6.1** As there was no any other business the meeting ended with a vote of thanks to the chair.

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